

English Summary of DE 951 045

The invention described in this document relates to a method for heat treatment of manganese alloys including 0.05 to 2% zircon and additionally containing zinc and cadmium. It is suggested to anneal the respective workpieces at a temperature between 150 and 400°C to achieve a considerable increase in strength, particularly yield strength. The heat treatment should not be conducted at a temperature above the segregating temperature of the zircon.